

TP-DRSeg: Improving Diabetic Retinopathy Lesion Segmentation with Explicit Text-Prompts Assisted SAM

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Table 1. Detailed information about the datasets.

Dataset	fundus camera	FoV
IDRiD	Kowa VX-10 alpha digital fundus camera	50
DDR	multiple types of fundus cameras	45

Table 2. Detailed annotation information about the datasets.

Dataset	MA	HE	EX	SE
IDRiD (Train)	54	53	54	26
IDRiD (test)	27	27	27	14
DDR (Train)	314	294	245	111
DDR (test)	124	194	171	42

Table 3. To prevent over-fitting during the training process, we used different data augmentation strategies for the datasets.

Dataset	Augmentation strategies
IDRiD	random horizontal flipping, random vertical flipping, and random rotation
DDR	random horizontal flipping, random vertical flipping

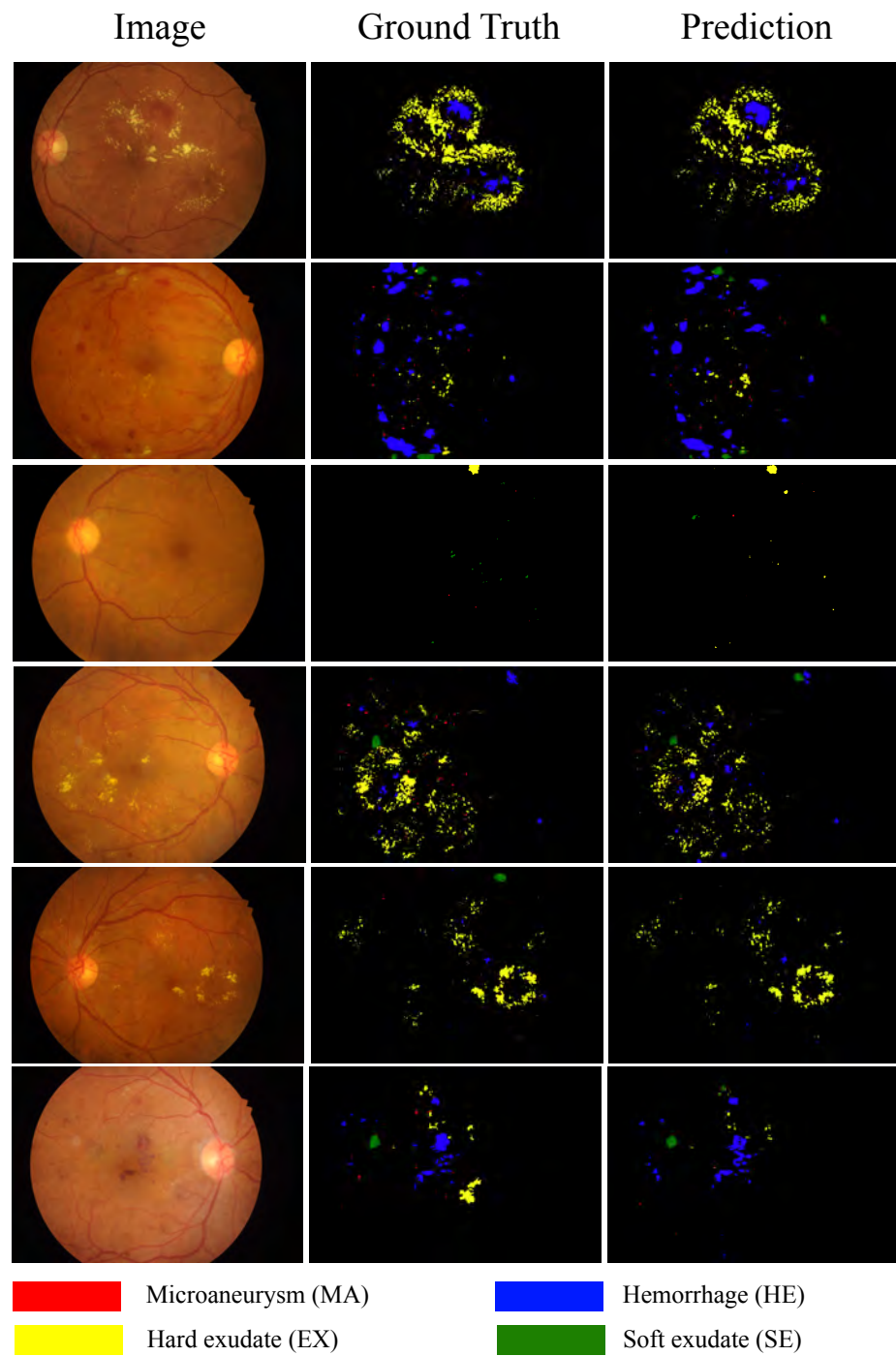


Fig. 1. Visualization results of our proposed method (Please zoom in for the best view).